

2030 Climate Emergency Mobilization Strategy Update

September 11, 2020

- Prioritize **high impact actions** that are within local government control
- Prioritize **equitable outcomes** that improve quality of life for all
- **Connect community priorities** to climate action and resilience
- Identify and advocate for the necessary **regional and state level policy solutions** to enable Sonoma County to meet this goal
- **Align with and support local jurisdictions** in climate work
- **Establish metrics** to track progress (GHG inventory plus other indicators)

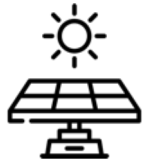


DECARBONIZATION:

Target Existing Sources of Greenhouse Gas Emissions



CARBON SEQUESTRATION: Significantly increase carbon sinks



RESILIENCE AND ADAPTATION:

Reduce risk and vulnerability; increase ability to recover



EQUITY AND COMMUNITY ENGAGEMENT:

Support and improve climate actions by engaging local communities



Initiative	Sector	Strategy
Decarbonization	Solid Waste	<ul style="list-style-type: none"> 1. Zero Waste by 2030
	Building Energy	<ul style="list-style-type: none"> 2. Carbon Neutral Buildings Campaign 3. Green New Deal for Housing
	Transportation	<ul style="list-style-type: none"> 4. EV Access for All Partnership 5. Bikeable Sonoma County Campaign 6. Sonoma County VMT Bank
Sequestration		<ul style="list-style-type: none"> 7. Regional Sequestration Market 8. Community Education Campaign/Carbon Gardens
Resilience and Adaptation		<ul style="list-style-type: none"> 9. Model Microgrid Communities 10. Urban Land Institute Resilience Advisory Panel 11. Climate in All Policies
Equity and Community Engagement		<ul style="list-style-type: none"> 12. Establish a community advisory committee 13. Survey local community on climate attitudes and needs 14. Collaborate with community-based organizations

	Key Milestones	Target Completion Date
	Advisory committee and stakeholder input	June-August 2020
	RCPA Board input and direction	August 10, 2020
	Emergency Policy Package working groups revise draft strategy	September-November 2020
	RCPA Board adopts final 2030 Climate Emergency Mobilization Strategy	December 2020
	Funding and implementation plan developed	March 2021
	RCPA Board approves funding and implementation plan	April 2021

For each strategy

- Objective: describe intent and overall goal
- Benefits: climate and other co-benefits
- Costs: high level estimates
- Assumptions: identify assumptions made
- Challenges: significant challenges or barriers that might impact strategy
- Implementation actions:
 - Description of action
 - Type of action: policy, program, advocacy, education/outreach
 - Timeframe: immediate, near-term, long-term
 - Responsible entities: Lead agency and involved parties for each action
 - Metric: how progress will be tracked on each action
 - Goal: how success or completion of action will be determined

- Anything missing from the final CEMS content?
- Any great examples of climate mobilization plans?

Strategies

1. Zero Waste by 2030

- Zero Organics to Landfill by 2030
- Pass a Construction/Demolition ordinance that requires contractors to meet recycle goals beyond Cal Green– requirement for tracking and reporting
- Zero waste community wide campaign with focus on reuse and reduced consumption

Working group

- Members: Zero Waste Sonoma, Zero Waste Task Force
- Approach: Build on existing zero waste efforts and work done for model zero waste resolution
- Status: Discuss at next Zero Waste Task Force meeting

Strategies

2. Carbon Neutral Buildings Campaign

Develop Zero Emissions Retrofit Strategy to Electrify Existing Buildings by 2030

- Date certain, funded, phased retrofit requirement for all existing buildings to transition to all electric
- Campaign and goals to transition all municipal to Evergreen by 2027
- Campaign and goals to transition XX% of commercial and residential to Evergreen by 2030

3. Green New Deal for Housing

Build XX Number of Carbon Free Affordable Homes by 2030

- Advocate for and work with state/feds to develop Green New Deal for Housing
- Advocate for and work with state to push transition through CA energy code updates in 2021 and 2024
- Address local zoning barriers to decrease VMT from new construction
- Ban natural gas for all new construction in Sonoma County

Working Group

- Members: RCPA, Sonoma Clean Power, County of Sonoma Energy and Sustainability Division, city staff
- Approach:
 - Identify work in progress related to each strategy
 - Complete CEMS content for each strategy
- Status: first meeting to be scheduled in September

Strategies

4. EV Access for All Partnership

Develop regional public/private partnership model to shift 80% of all vehicles in Sonoma County to electric vehicles

- Analyze Sonoma County unique needs and barriers.
- Work with regional agencies to fund partnerships to develop XX public, home and workplace charging stations in Sonoma County by 2027.
- Create accessible EV ownership/lease concierge for low-income, students, seniors; possible public/private partnership.

Working Group

- Members: RCPA, Sonoma Clean Power, PG&E, Charging network providers, Healdsburg Electric, NBEAA, Facility Managers at large employers, TCC
- Approach: build on work done for Shift plan with a focus on solutions accessible to low-income residents
- Status: first meeting to be scheduled

Strategies

5. Bikeable Sonoma County Campaign

- Implement network of protected bike lanes connecting to SMART pathway and other Class 1 or Class 4 bike/ped facilities.
- Implement recommendations from Vision Zero Action Plan when published in 2022.
- Offer express transit between downtowns with micro-mobility hubs at each express bus stop – all with unified branding.

Working Group

- Members: RCPA, SCTA
- Approach:
 - Rename strategy to reflect other forms of mode shift (transit, micromobility, etc.)
 - Develop strategies as part of SCTA Comprehensive Transportation Plan update
 - Utilize existing RCPA/SCTA advisory committees for review and input with additional community engagement as part of CTP outreach plan
 - Strengthen transit component with community input, SCTA Transit Technical Advisory Committee recommendations, and SCTA Board direction.
- Status: Working with SCTA on CTP draft

Strategies

6. Sonoma County VMT Bank

Develop VMT Mitigation Banking Structure for New Development to Fund TDM and VMT reducing projects and programs.

- Tie to countywide VMT reduction goals (CTP, SCS).

Working Group

- Members: SCTA, County counsel
- Approach: Technical working group to define what it will take to implement this strategy including legal considerations.
- Status: first meeting to be scheduled

- Name change for Bikeable Sonoma County Campaign?
- Are we missing any key representation from the working groups?

Strategies

7. Regional Sequestration Market

Work with Marin and Napa to develop first regional sequestration market to sequester XX GHGs by 2030.

- Work directly with Ag and Open Space to continue land conservation work and land use policies (GP, Williamson Act) that result in measurable carbon sequestration.
- Work directly with Resource Conservation Districts (RCDs) to support implementation of Carbon Farm Plans (CFP) already developed and work with producers to develop others.
- Leverage state money already available to prioritize Ag role in climate change mitigation.
- Work with Community Based Organizations (CBOs) to analyze potential impact of urban/city sequestration and develop menu of recommendations for cities to implement.

8. Community education campaign/carbon gardens

- Consumption challenge – partner with CBOs as trusted messengers.

Working Group

- Members: RCPA, Zero Waste Sonoma, Carbon Cycle Institute, Daily Acts, Sonoma Resource Conservation District, Gold Ridge Resource Conservation District, Renewable Sonoma
- Approach: Build on work already done by this group
- Status: first meeting held September 10

Strategies

9. Model micro grid communities

Increase energy grid resilience through micro grid installations.

- Focus on critical infrastructure and vulnerable populations first.

10. Urban Land Institute Resilience Advisory Panel

Implement priority recommendations from panel to reduce economic and environmental impact of future fires and power shut downs.

- Address any gaps that the Panel identifies in terms of planning and analysis (e.g. may need to develop countywide adaptation plan).

Working Group

- Members: RCPA, Sonoma Clean Power, County of Sonoma Energy and Sustainability Division, city staff, County of Sonoma Office of Recovery and Resiliency
- Approach:
 - Complete CEMS framework for identified strategies
 - Review existing and planned adaptation efforts to determine if additional adaptation focused strategies are needed in CEMS
- Status: first meeting to be scheduled

Strategies

11. Climate in All Policies

- Collectively develop a checklist/criteria/requirements for staff reports that require local Councils and Boards to consider how each policy and planning decision will/will not advance climate goals of Decarbonization, Carbon Sequestration and building Resilience.

Working Group

- Members: RCPA, city and county staff
- Approach: this strategy will support implementation of other strategies
- Status: Discuss with city and county staff at RCPA Members and Partners meeting in early October

Community Engagement

Support and improve climate actions by engaging local communities

- **12. Establish a community advisory committee**
 - Involved committee members representing diverse interests and expertise.
 - a. Designate the Climate Action Advisory Committee or similar group to advise on implementation on the Climate Emergency Mobilization Strategy.
- **13. Survey local community on climate attitudes and needs**
 - Track community involvement and input as the Climate Emergency Mobilization Strategy is implemented.
 - a. Conduct an annual climate survey of Sonoma County residents with targeted outreach for disadvantaged communities.
- **14. Collaborate with community-based organizations**
 - Work closely with skilled organizations to increase capacity to implement the Climate Emergency Mobilization Strategy.
 - a. Develop funding to implement actions and increase climate literacy through collaborations with community-based organizations.

Working Group

- **Members:** RCPA, CAAC, County of Sonoma Office of Equity, city staff, equity focused organizations
- **Approach:**
 - Use Government Alliance for Racial Equity toolkit to incorporate equity into CEMS
 - Review literature for best practices in community engagement and equity for climate planning
 - Develop equity and community engagement plan

- CEMS is meant to focus on high impact strategies. How can we reflect other types of actions in CEMS to create a comprehensive view of climate action in Sonoma County?
- What equity focused groups should we include in the process and how? Currently on our list – North Bay Organization Project, Community Action Partnership, Latino Leadership on Climate Change, Movimiento Cultural de La Union Indigena, Corazón Healdsburg, Latino Service Providers, Petaluma Blacks for Community Development, Movement Generation Justice & Ecology Project, Land Paths, Graton Day Labor Center, Raizes Collective, Los Cien

- How can we best keep everyone informed about and engaged in the CEMS?
- How do you want to be involved as a CAAC member in the development of the CEMS?

QUESTIONS?

THANK YOU!

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